

The aim of the bachelor thesis was to design and implement a Ticket Reservation System. The reservation system is primarily focused on ticket distribution for occasional culture events. During reservation and selling of tickets it is necessary to work with centralized shared data from many selling places. The customers may book the tickets via the web interface before they buy the tickets from the distributor. A user-friendly interface for designing the room models (including chairs, tables, rows, walls, etc.) is available for the system administrator. The tickets to book or sell can be chosen using the model of the room.